

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

Reserve
aGV199
.7
.S76
1992

States
ment of
lture

Service

ology &
pment
im

2300-Recreation
September 1992
9223-2838-MTDC



Packstock Gear Drawings



United States
Department of
Agriculture



National Agricultural Library

Packstock Gear Drawings



MaryAlice Stoner,
Project Leader

Technology & Development Program
Missoula, Montana 59801

TE92A17
Technical Services–Recreation

September 1992

Information contained in this document has been developed for the guidance of employees of the Forest Service, U.S. Department of Agriculture, its contractors, and its cooperating Federal and State agencies. The Department of Agriculture assumes no responsibility for the interpretation or use of this information by other than its own employees.

The use of trade, firm, or corporation names is for the information and convenience of the reader. Such use does not constitute an official evaluation, conclusion, recommendation, endorsement, or approval of any product or service to the exclusion of others that may be suitable.



Contents

Introduction	1
--------------------	---

Packstock Gear Drawings

Grocery Box A	3
Grocery Box B	6
Log Bunk	9
Kitchen Box	12



Introduction

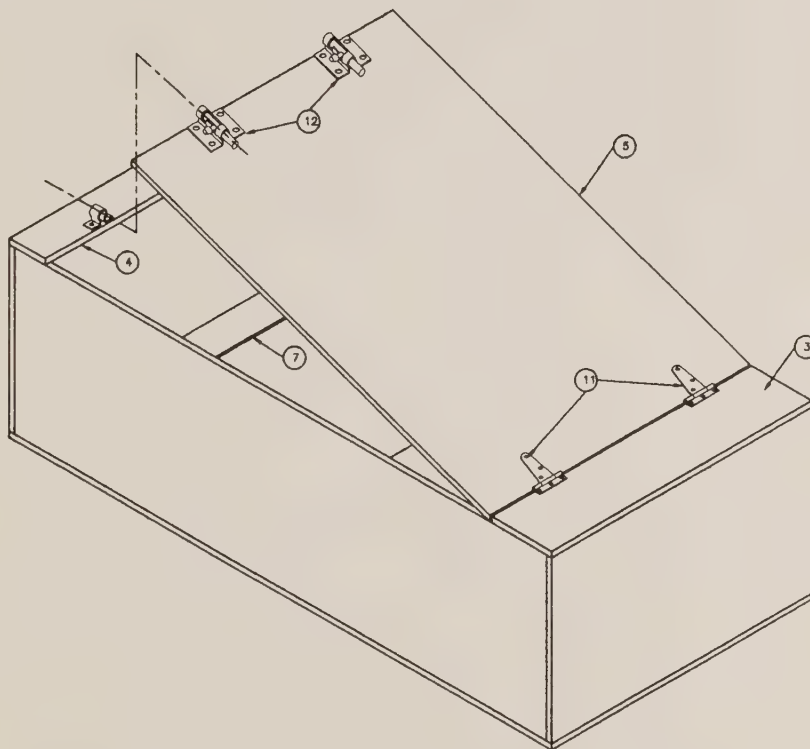
Packing with stock is easier with the proper equipment to carry all of the necessities. This report presents a series of drawings for three types of units that will hold food, kitchen supplies, and poles or lumber. These simple, functional designs were developed on USDA Forest Service Ranger Districts and have been used for many years. They are practical and easy to build. A list of materials and assembly notes accompany the drawings. Each piece is numbered for easy identification. The materials are readily available from a local hardware store.

Requests for full-scale drawings and questions about these designs can be directed to:

*MaryAlice Stoner
USDA Forest Service
Missoula Technology &
Development Center
Building 1, Fort Missoula
Missoula, MT 59801
(406) 329-3935*



Packstock Gear Drawings



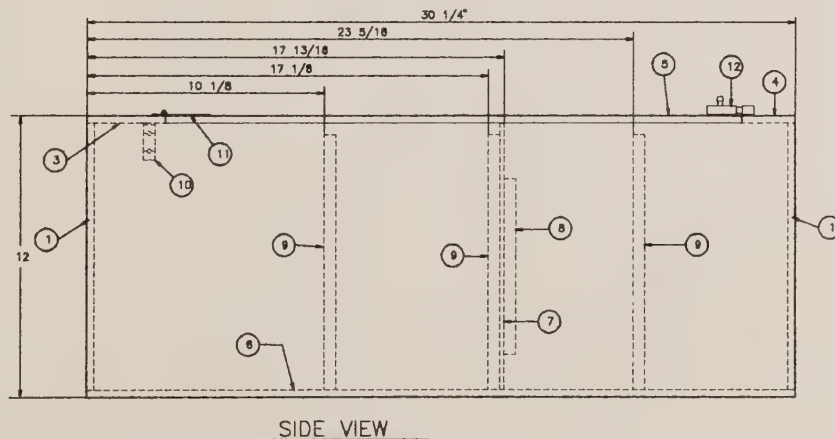
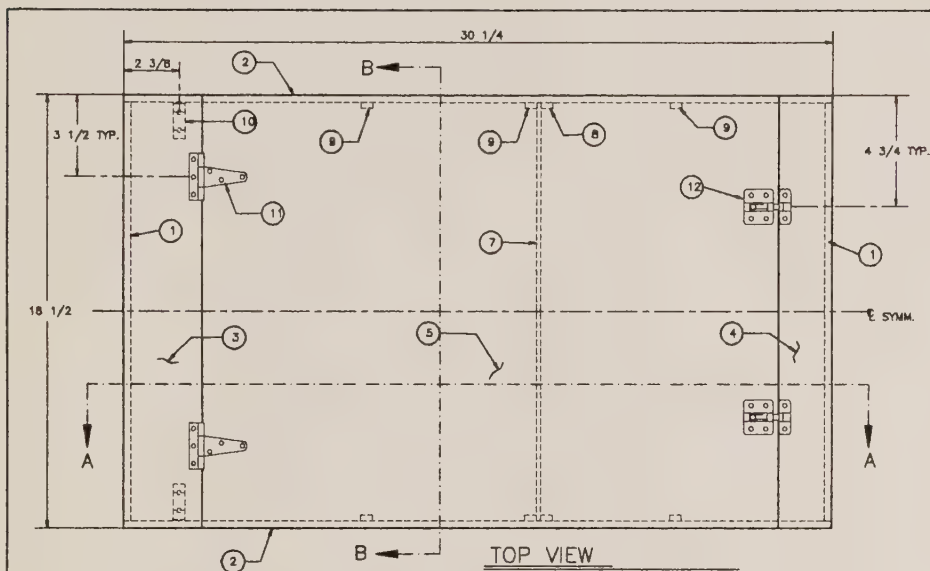
MATERIAL LIST

NO	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	SIDE PANEL	2	17 7/8 W.x11 3/8 H.x5/16 THK PLYWOOD	
2	FRONT&BACK PNL	2	30 1/4 W.x11 3/8 H.x5/16 THK PLYWOOD	
3	TOP PNL (HINGED)	1	18 1/2 D.x3 3/8 W.x5/16 THK PLYWOOD	
4	TOP PNL (LATCH)	1	18 1/2 D.x2 1/4 W.x5/16 THK PLYWOOD	
5	DOOR	1	18 1/2 D.x24 5/8 W.x5/16 THK PLYWOOD	
6	BOTTOM PANEL	1	18 1/2 W.x30 1/4 W.x5/16 THK PLYWOOD	
7	SECTION PANEL	1	17 7/8 D.x11 3/8 H.x5/16 THK PLYWOOD	
8	SLOT PIECE	2	1/2 W.x1/4 THKx7 1/2 LONG WOOD	
9	SLOT PIECE	6	1/2 W.x1/4 THKx10 7/8 LONG WOOD	
10	ANGLE BRACKET	2	1 1/2" X 1/2" FLAT CORNER BRACES	
11	HINGE	2	2" T-HINGE W/ 2" X 1/2" HINGE PAD	
12	LATCH	2	3" BARREL BOLT W/ 3" X 1 1/4" PLATE	

ASSEMBLY NOTES:

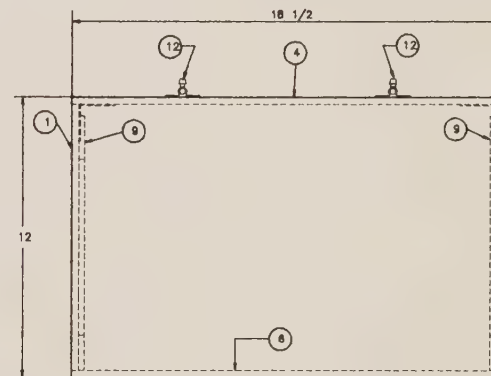
1. NAIL AND GLUE SIDE, BACK, FRONT, TOP AND BOTTOM PANELS TOGETHER. USE A WATERPROOF WOOD GLUE. USE FINISHING NAILS SPACED @ 1 1/2" MIN.
2. APPLY GLASS CLOTH TO ALL EXTERIOR EDGES. FEATHER EDGES OF GLASS CLOTH FOR SMOOTH SURFACE FINISH AND ROUND CORNERS. SEAL ENTIRE EXTERIOR SURFACE W/ FIBERGLASS RESIN.
3. PAINT FOR A EXTERIOR FINISH.
4. SEW TOGETHER 3 LAYERS OF CANVAS CLOTH MATERIAL AND GLUE TO THE BACK OF THE BOX FOR A PADDING.
5. PRE-DRILL BOLT LATCH AND HINGE SCREWS UPON ASSEMBLY.

U.S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		DATE 2/26/91	REVISION 1 OF 3	BY MTDC-859
TOLERANCES: FRACTIONS +/- DECIMALS +/- ANGLES +/- DIMENSIONS AND OR SURFACES UNLESS OTHERWISE SPECIFIED		TITLE GROCERY BOX A ISOMETRIC		
DRAWN KEC DESIGNED CHECKED D. O'ROURKE APPROVED D. O'ROURKE SCALE NONE		SHEET 1 OF 3		



MATERIAL LIST

NO	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	SIDE PANEL	2	17 7/8 W.x11 3/8 H.x5/16 THK PLYWOOD	
2	FRONT&BACK PNL	2	30 1/4 W.x11 3/8 H.x5/16 THK PLYWOOD	
3	TOP PNL (HINGED)	1	18 1/2 D.x3 3/8 W.x5/16 THK PLYWOOD	
4	TOP PNL (LATCH)	1	18 1/2 D.x2 1/4 W.x5/16 THK PLYWOOD	
5	DOOR	1	18 1/2 D.x24 5/8 W.x5/16 THK PLYWOOD	
6	BOTTOM PANEL	1	18 1/2 W.x30 1/4 W.x5/16 THK PLYWOOD	
7	SECTION PANEL	1	17 7/8 D.x11 3/8 H.x5/16 THK PLYWOOD	
8	SLOT PIECE	2	1/2 W.x1/4 THKx7 1/2 LONG WOOD	
9	SLOT PIECE	6	1/2 W.x1/4 THKx10 7/8 LONG WOOD	
10	ANGLE BRACKET	2	1 1/2" X 1 1/2" FLAT CORNER BRACES	
11	HINGE	2	2" T-HINGE W/ 2" X 1 1/2" HINGE PAD	
12	LATCH	2	3" BARREL BOLT W/ 3" X 1 1/4" PLATE	

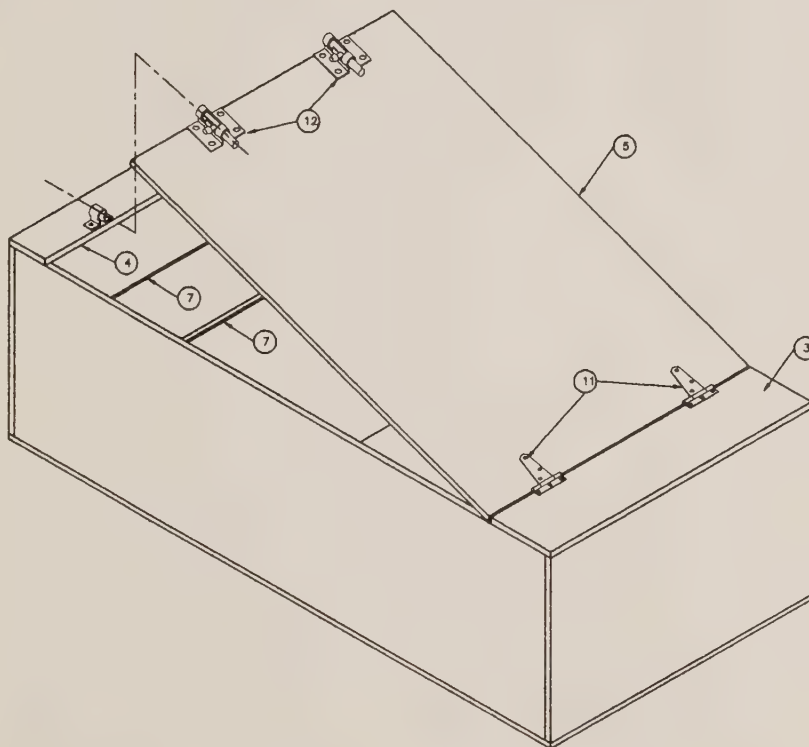


U.S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		DATE	REVISION	BY
TOLERANCES: FRACTIONS +/- DECIMALS +/- ANGLES +/- DIMENSIONS ARE IN INCHES UNLESS SHOWN OTHERWISE		TITLE GROCERY BOX A VIEWS		
DRAWN KEC DESIGNED CHECKED D. O'ROURKE APPROVED D. O'ROURKE		SCALE NONE DATE 2/26/91		
SHEET 2 OF 3		MTDC-859		



NO	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	SIDE PANEL	2	17 7/8 W.x11 3/8 H.x5/16 THK PLYWOOD	
2	FRONT&BACK PNL	2	3Q 1/4 W.x11 3/8 H.x5/16 THK PLYWOOD	
3	TOP PNL (HINGED)	1	18 1/2 D.x3 3/8 W.x5/16 THK PLYWOOD	
4	TOP PNL (LATCH)	1	18 1/2 D.x2 1/4 W.x5/16 THK PLYWOOD	
5	DOOR	1	18 1/2 D.x24 5/8 W.x5/16 THK PLYWOOD	
6	BOTTOM PANEL	1	18 1/2 D.x30 1/4 W.x5/16 THK PLYWOOD	
7	SECTION PANEL	1	17 7/8 D.x11 3/8 H.x5/16 THK PLYWOOD	
8	SLOT PIECE	2	1/2 W.x1/4 THKx7 1/2 LONG WOOD	
9	SLOT PIECE	6	1/2 W.x1/4 THKx10 7/8 LONG WOOD	
10	ANGLE BRACKET	2	1 1/2" X 1/2" FLAT CORNER BRACES	
11	HINGE	2	2" T-HINGE W/ 2" X 1/2" HINGE PAD	
12	LATCH	2	3" BARREL BOLT W/ 3" X 1 1/4" PLATE	

JANUARY STATEMENT, 1970-1971 TOLERAANCES: FRACTIONS +/- _____ DECIMALS +/- _____ MOLES +/- _____ (CONCENTRATED AQUEOUS IN REACTION) (SOLUBLE GROUPS)	DATE _____	REVISION _____	BY _____
U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA			
TITLE GROCERY BOX A SECTIONS			
DRAWN KEC		MTDC-859	
DESIGNED		SHEET 3 OF 3	
CHECKED D. O'ROURKE		DATE 2/26/91	
APPROVED D. O'ROURKE		MTDC-859	
SCALE NONE		MTDC-859	
DATE 2/26/91		MTDC-859	



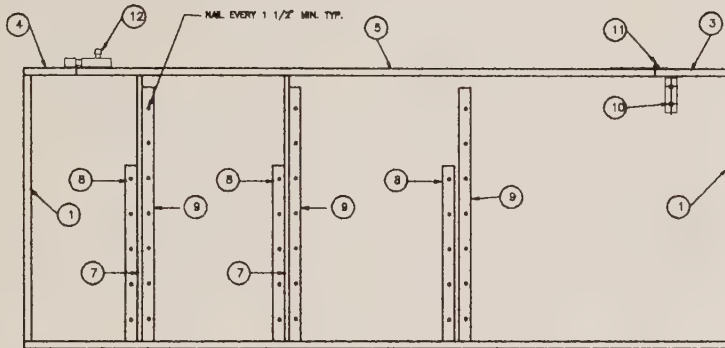
MATERIAL LIST

NO	PART NAME	RECD	MATERIAL-DESCRIPTION	SHEET
1	SIDE PANEL	2	17 7/8 W.x11 3/8 H.x5/16 THK PLYWOOD	
2	FRONT&BACK PNL	2	30 1/4 W.x11 3/8 H.x5/16 THK PLYWOOD	
3	TOP PNL (HINGED)	1	18 1/2 D.x3 3/8 W.x5/16 THK PLYWOOD	
4	TOP PNL (LATCH)	1	18 1/2 D.x2 1/4 W.x5/16 THK PLYWOOD	
5	DOOR	1	18 1/2 D.x24 5/8 W.x5/16 THK PLYWOOD	
6	BOTTOM PANEL	1	18 1/2 W.x30 1/4 W.x5/16 THK PLYWOOD	
7	SECTION PANEL	2	17 7/8 D.x11 3/8 H.x5/16 THK PLYWOOD	
8	SLOT PIECE	8	1/2 W.x1/4 THKx7 1/2 LONG WOOD	
9	SLOT PIECE	6	1/2 W.x1/4 THKx10 7/8 LONG WOOD	
10	ANGLE BRACKET	2	1 1/2" X 1/2" FLAT CORNER BRACES	
11	HINGE	2	2" T-HINGE W/ 2" X 1/2" HINGE PAD	
12	LATCH	2	3" BARREL BOLT W/ 3" X 1 1/4" PLATE	

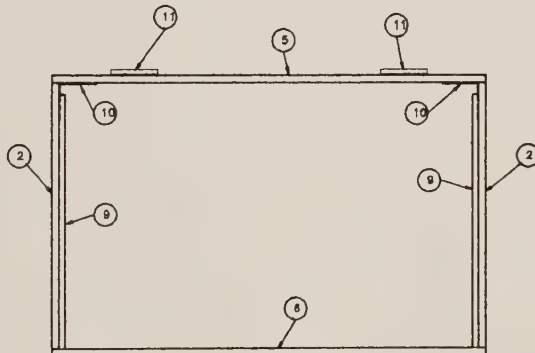
ASSEMBLY NOTES:

1. NAIL AND GLUE SIDE, BACK, FRONT, TOP AND BOTTOM PANELS TOGETHER. USE A WATERPROOF WOOD GLUE. USE FINISHING NAILS SPACED @ 1 1/2" MIN.
2. APPLY GLASS CLOTH TO ALL EXTERIOR EDGES. FEATHER EDGES OF GLASS CLOTH FOR SMOOTH SURFACE FINISH AND ROUND CORNERS. SEAL ENTIRE EXTERIOR SURFACE W/ FIBERGLASS RESIN.
3. PAINT FOR A EXTERIOR FINISH.
4. SEW TOGETHER 3 LAYERS OF CANVAS CLOTH MATERIAL AND GLUE TO THE BACK OF THE BOX FOR A PADDING.
5. PRE-DRILL BOLT LATCH AND HINGE SCREWS UPON ASSEMBLY.

TOLERANCES:		DATE	REVISION	BY
FRACTIONS +/-		U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
DECIMALS +/-				
ANGLES +/-				
CONVERSIONS ARE IN INCHES METRIC EQUIV. GIVEN				
DRAWN KEC		TITLE GROCERY BOX B ASSEMBLY		
DESIGNED				
CHECKED D. O'ROURKE				
APPROVED D. O'ROURKE				
SCALE NONE		SHEET 1 OF 3		
DATE 2/26/91				
		MTDC-860		



SECTION A-A

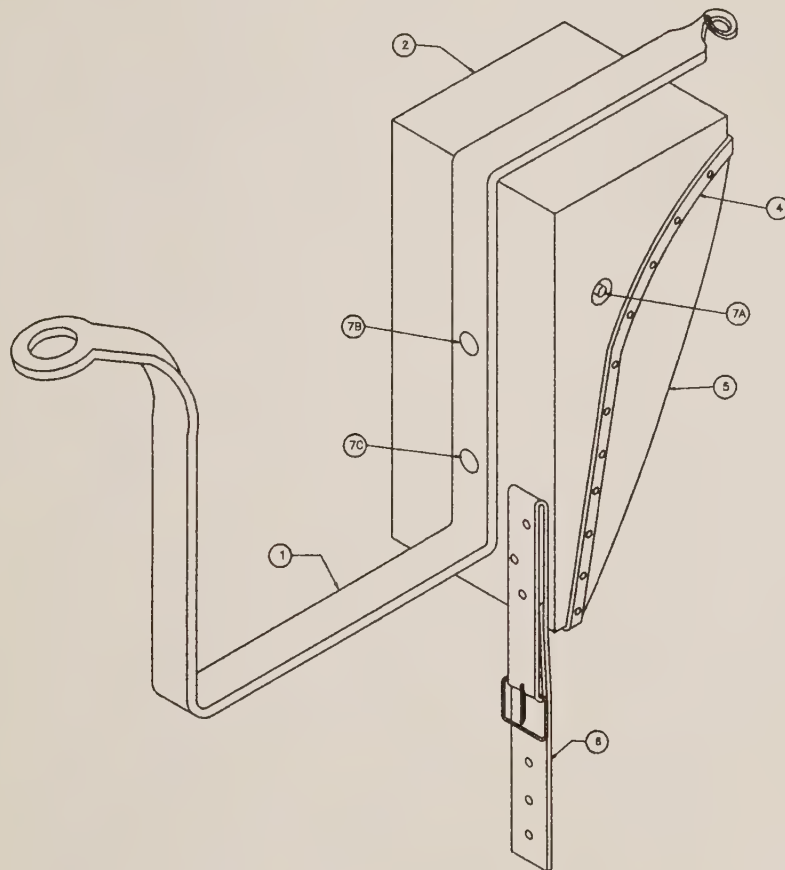


SECTION B-B

MATERIAL LIST

NO	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	SIDE PANEL	2	17 7/8 W.x11 3/8 H.x5/16 THK PLYWOOD	
2	FRONT&BACK PNL	2	30 1/4 W.x11 3/8 H.x5/16 THK PLYWOOD	
3	TOP PNL (HINGED)	1	18 1/2 D.x3 3/8 W.x5/16 THK PLYWOOD	
4	TOP PNL (LATCH)	1	18 1/2 D.x2 1/4 W.x5/16 THK PLYWOOD	
5	DOOR	1	18 1/2 D.x24 5/8 W.x5/16 THK PLYWOOD	
6	BOTTOM PANEL	1	18 1/2 W.x30 1/4 W.x5/16 THK PLYWOOD	
7	SECTION PANEL	2	17 7/8 D.x11 3/8 H.x5/16 THK PLYWOOD	
8	SLOT PIECE	6	1/2 W.x1/4 THKx7 1/2 LONG WOOD	
9	SLOT PIECE	6	1/2 W.x1/4 THKx10 7/8 LONG WOOD	
10	ANGLE BRACKET	2	1 1/2" X 1 1/2" FLAT CORNER BRACES	
11	HINGE	2	2" T-HINGE W/ 2" X 1 1/2" HINGE PAD	
12	LATCH	2	3" BARREL BOLT W/ 3" X 1 1/4" PLATE	

UNLESS OTHERWISE SPECIFIED	DATE	REVISION	BY
TOLERANCES: FRACTIONS +/- DECIMALS +/- ANGLES +/-	U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
DRAWN KEC	TITLE		
DESIGNED	GROCERY BOX B SECTIONS		
CHECKED D. O'ROURKE	SHEET 3 OF 3		
APPROVED D. O'ROURKE	MTDC-860		
SCALE NONE			
DATE 2/26/91			



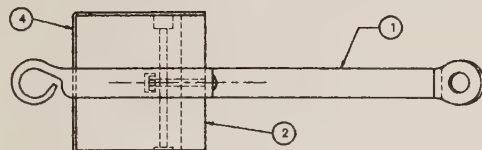
MATERIAL LIST

NO	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	METAL STRAP	1	1 1/4" W. x 5/16 THK	
2	WOOD BODY	1	5 3/4" W. x 13 1/2" H. x 5 1/2" THK	
3	PADDING	1	1 1/2" THK ARTIFICIAL HOG HAIR	
4	LEATHER TRIM	1	9/16" W. x 1/8" THK LENGTH AS REQ'D	
5	PADDING COVER	1	#2 HARD TEXTURED DUCK	
6	LEATHER CINCH	1	#1 HARNESS LEATHER, 1" X 48", W/ BUCKLE	
7A	BOLT	1	1/2" CAP SCREW W/N&W 5 3/4" LONG	
7B	BOLT	1	1/2" CAP SCREW W/N&W 2 7/8" LONG	
7C	BOLT	1	1/2" CAP SCREW W/N&W 1 5/8" LONG	

NOTES:

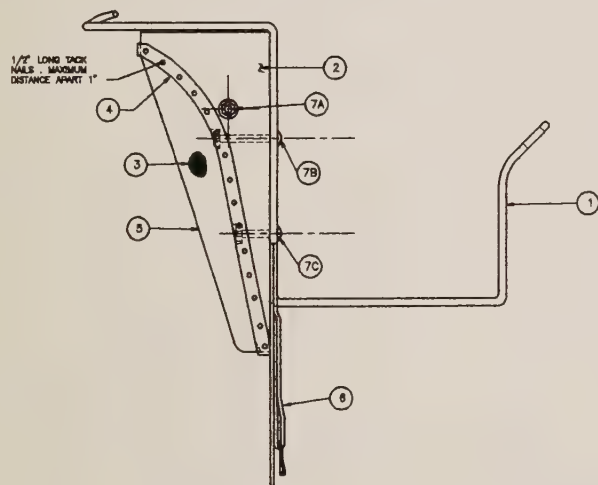
- ONE SIDE OF LOG BUNK SHOWN, 2 REQUIRED. OTHER SIDE IS A MIRROR IMAGE OF SIDE SHOWN.
- CANVAS PADDING COVERING TO EXTEND UNDERNEATH AND FASTENED BY THE LEATHER TRIM AND TACK NAILS.

UNLESS OTHERWISE SPECIFIED		DATE	REVISION	BY
TOLERANCES:		U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
FRACTIONS +/-				
DECIMALS +/-				
ANGLES +/-				
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED		TITLE		
DRAWN KEC		LOG BUNK ASSEMBLY		
DESIGNED				
CHECKED D. O'ROURKE				
APPROVED D. O'ROURKE				
SCALE		SHEET 1 OF 3		
DATE 2/26/91		MTDC-862		



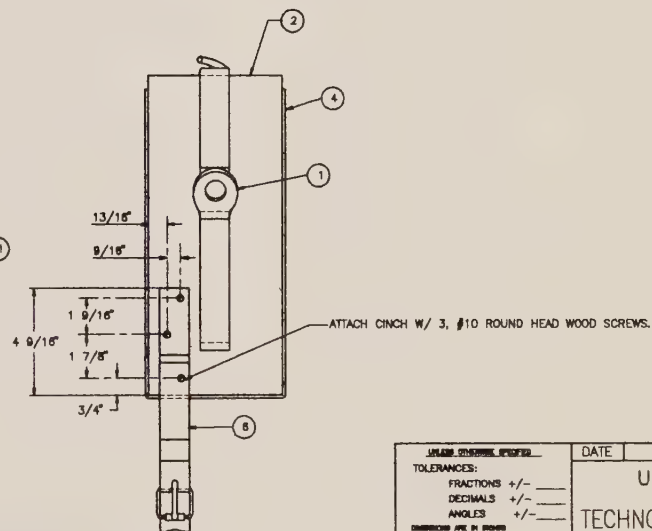
TOP VIEW

SCALE: 8" = 1'-0"



SIDE VIEW

SCALE: 8" = 1'-0"



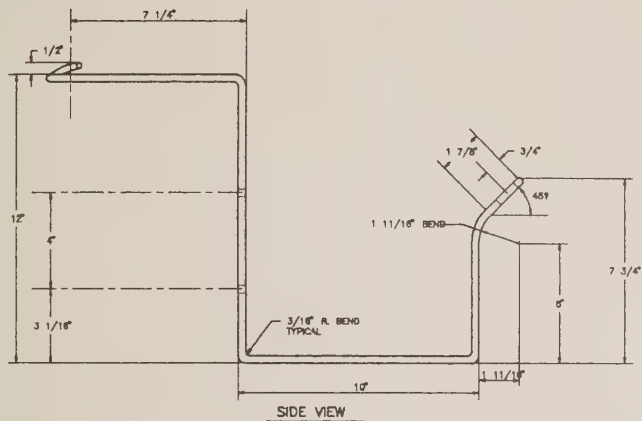
END VIEW

SCALE: 8" = 1'-0"

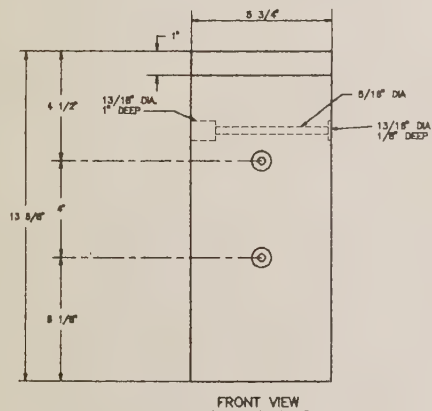
MATERIAL LIST

NO.	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	METAL STRAP	1	1 1/4" W. x 5/16 THK	
2	WOOD BODY	1	5 3/4" W. x 13 1/2" H. x 5 1/2" THK	
3	PADDING	1	1 1/2" THK ARTIFICIAL HOG HAIR	
4	LEATHER TRIM	1	9/16" W. x 1/8" THK LENGTH AS REQ'D	
5	PADDING COVER	1	#2 HARD TEXTURED DUCK	
6	LEATHER CINCH	1	#1 HARNESS LEATHER, 1" X 48", W/ BUCKLE	
7A	BOLT	1	1/2" CAP SCREW W/N&W 5 3/4" LONG	
7B	BOLT	1	1/2" CAP SCREW W/N&W 2 7/8" LONG	
7C	BOLT	1	1/2" CAP SCREW W/N&W 1 5/8" LONG	

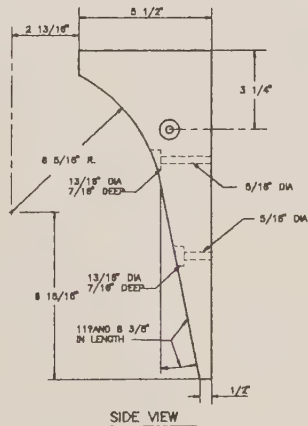
DESIGN CHANGES SPECIFIED	DATE	REVISION	BY
TOLERANCES: FRACTIONS +/- DECIMALS +/- ANGLES +/-	U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
DRAWN KEC	TITLE		
DESIGNED	LOG BUNK		
CHECKED D. O'ROURKE	VIEWS		
APPROVED D. O'ROURKE			
SCALE			
DATE 2/26/91	SHEET 2 OF 3		MTDC-862



PART (P1)

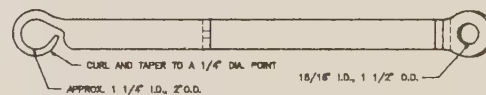


PART (P2)



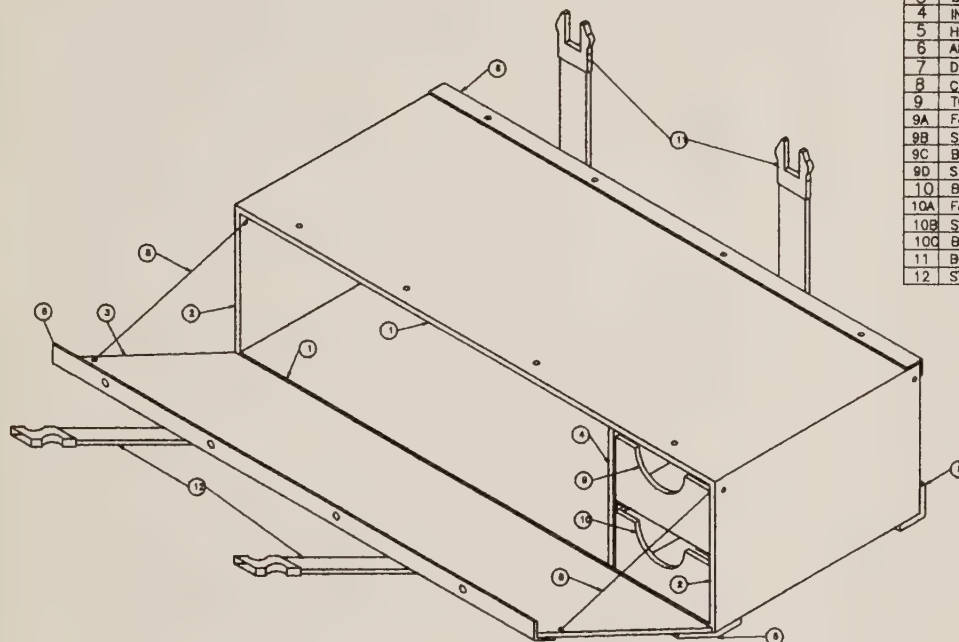
MATERIAL LIST

NO	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	METAL STRAP	1	1 1/4" W. x 5/16 THK	
2	WOOD BODY	1	5 3/4" W. x 13 1/2" H. x 5 1/2" THK	
3	PADDING	1	1 1/2" THK ARTIFICIAL HOG HAIR	
4	LEATHER TRIM	1	9/16" W. x 1/8" THK LENGTH AS REQ'D	
5	PADDING COVER	1	#2 HARD TEXTURED DUCK	
6	LEATHER CINCH	1	#1 HARNESS LEATHER, 1" X 48", W/ BUCKLE	
7A	BOLT	1	1/2" CAP SCREW W/N&W 5 3/4" LONG	
7B	BOLT	1	1/2" CAP SCREW W/N&W 2 7/8" LONG	
7C	BOLT	1	1/2" CAP SCREW W/N&W 1 5/8" LONG	



PART (P1)

DATE	REVISION	BY
U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
DRAWN KEC	TITLE	
DESIGNED	LOG BUNK	
CHECKED D. O'ROURKE	PARTS	
APPROVED D. O'ROURKE		
SCALE		
DATE 2/26/91	SHEET 3 OF 3	MTDC-862



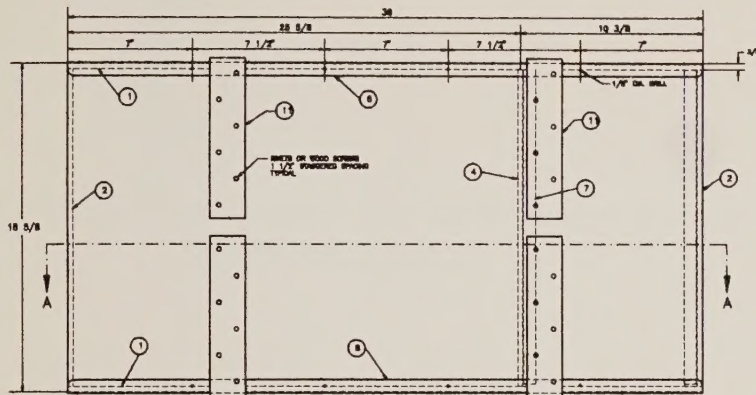
MATERIAL LIST

NO	PART NAME	REQD	MATERIAL-DESCRIPTION	SHEET
1	T&B PANEL	2	36 W.x18" D.x5/16 THK PLYWOOD	
2	SIDE PANEL	2	11 W.x18 H.x5/16 THK PLYWOOD	
3	B&F PANEL	2	36 W.x18 H.x5/16 THK PLYWOOD	
4	INSIDE PANEL	1	18 D.x11 H.x1/4 THK PLYWOOD	
5	HINGES	2	2 1/2 W.x36 L.x3/18 LEATHER	
6	ANGLE	2	3/4x3/4x1/16x36 LONG ALUM.	
7	DRAWER FRAME	2	3/4x3/4x1/16x17 7/8 LONG ALUM.	
8	CORD	4		
9	TOP DRAWER	1		
9A	F&B PANEL	2	9 1/2x5 1/8x1/4 THK PLYWOOD	
9B	SIDE PANEL	2	17 3/8x5 1/8x1/4 THK PLYWOOD	
9C	BOTTOM PANEL	1	17 9/16x9 1/8x1/4 THK PLYWOOD	
9D	SEPERATION PNL	3	3 1/2x9 1/8x1/4 THK PLYWOOD	
10	BOTTOM DRAWER			
10A	F&B PANEL	2	9 1/2x5 1/8x1/4 THK PLYWOOD	
10B	SIDE PANEL	2	17 3/8x5 1/8x1/4 THK PLYWOOD	
10C	BOTTOM PANEL	1	17 9/16x9 1/8x1/4 THK PLYWOOD	
11	BUCKLE CLOSURE	2	1" NYLON BUCKLE	
12	STRAP	2	1" NYLON WEBBING, 5'-6" LONG	

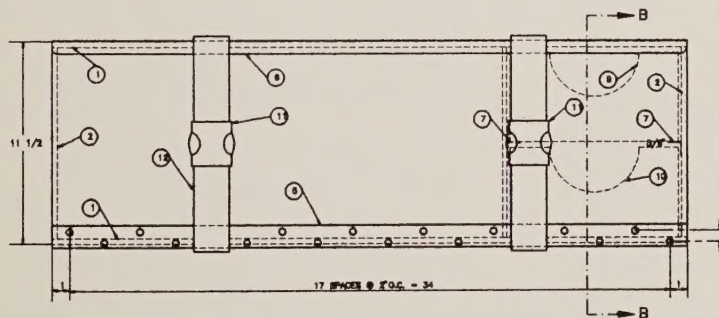
ASSEMBLY NOTES:

1. NAIL AND GLUE SIDE, BACK, FRONT, TOP AND BOTTOM PANELS TOGETHER. USE A WATERPROOF WOOD GLUE. USE FINISHING NAILS SPACED @ 1 1/2" MIN.
2. APPLY GLASS CLOTH TO ALL EXTERIOR EDGES. FEATHER EDGES OF GLASS CLOTH FOR SMOOTH SURFACE FINISH AND ROUND CORNERS. SEAL ENTIRE EXTERIOR SURFACE W/ FIBERGLASS RESIN.
3. PAINT FOR A EXTERIOR FINISH.
4. SEW TOGETHER 3 LAYERS OF CANVAS CLOTH MATERIAL AND GLUE TO THE BACK OF THE BOX FOR A PADDING.

DRAWN KEC DESIGNED CHECKED D. O'ROURKE APPROVED D. O'ROURKE SCALE DATE 2/26/91		DATE REVISION BY
TOLERANCES: FRACTIONS +/- DECIMALS +/- ANGLES +/- DIMENSIONS ARE IN INCHES UNLESS SHOWN OTHERWISE		U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA
TITLE KITCHEN BOX ISOMETRIC		SHEET 1 OF 3 MTDC-861



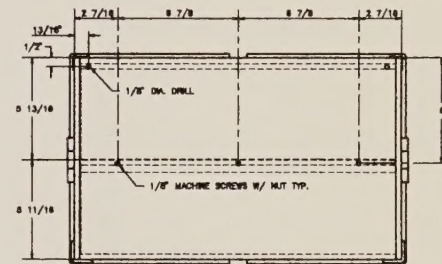
TOP VIEW



SIDE VIEW

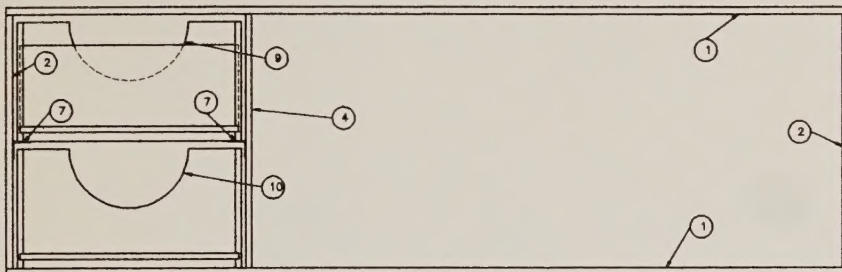
MATERIAL LIST

NO	PART NAME	QTY	MATERIAL-DESCRIPTION	SHEET
1	T&B PANEL	2	36 W.x18\" D.x5/16 THK PLYWOOD	
2	SIDE PANEL	2	11 W.x18 H.x5/16 THK PLYWOOD	
3	B&F PANEL	2	36 W.x18 H.x5/16 THK PLYWOOD	
4	INSIDE PANEL	1	18 D.x11 H.x1/4 THK PLYWOOD	
5	HINGES	2	2 1/2 W.x36 L.x3/16 LEATHER	
6	ANGLE	2	3/4x3/4x1/16x36 LONG ALUM.	
7	DRAWER FRAME	2	3/4x3/4x1/16x17 7/8 LONG ALUM.	
8	CORD	4		
9	TOP DRAWER	1		
9A	F&B PANEL	2	9 1/2x5 1/8x1/4 THK PLYWOOD	
9B	SIDE PANEL	2	17 3/8x5 1/8x1/4 THK PLYWOOD	
9C	BOTTOM PANEL	1	17 9/16x9 1/8x1/4 THK PLYWOOD	
9D	SEPERATION PNL	3	3 1/2x9 1/8x1/4 THK PLYWOOD	
10	BOTTOM DRAWER			
10A	F&B PANEL	2	9 1/2x5 1/8x1/4 THK PLYWOOD	
10B	SIDE PANEL	2	17 3/8x5 1/8x1/4 THK PLYWOOD	
10C	BOTTOM PANEL	1	17 9/16x9 1/8x1/4 THK PLYWOOD	
11	BUCKLE CLOSURE	2	1\" NYLON BUCKLE	
12	STRAP	2	1\" NYLON WEBBING, 5'-6\" LONG	

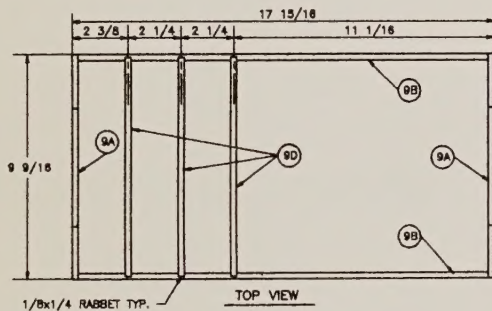


END VIEW

TOLERANCES:		DATE	REVISION	BY
FRACTIONS +/-		U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA		
DECIMALS +/-				
ANGLES +/-				
DIMENSIONS ARE IN INCHES UNLESS SHOWN OTHERWISE				
DRAWN	KEC	TITLE KITCHEN BOX VIEWS		
DESIGNED				
CHECKED	D. O'ROURKE			
APPROVED	D. O'ROURKE			
SCALE		SHEET 2 OF 3		
DATE	2/26/91			
		MTDC-861		

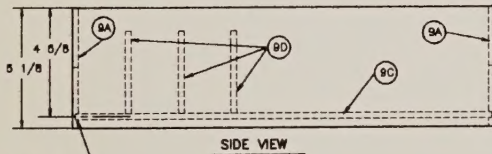


SECTION A-A



1/8x1/4 RABBIT TYP.

TOP VIEW

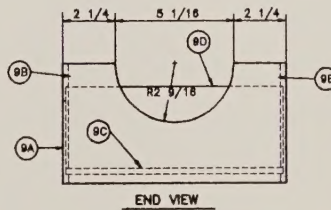


1/8x 1/4 RABBIT TYP.

SIDE VIEW

TOP DRAWER

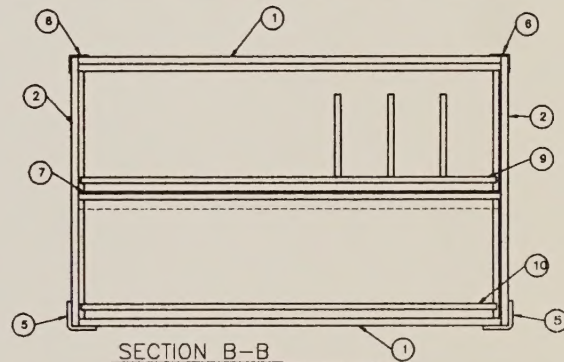
1. BOTTOM DRAWER SIMILAR WITH THE EXCEPTION OF NO SEPARATION PANELS.
2. ASSEMBLE ALL JOINTS WITH FINISHING NAILS AND WATERPROOF WOOD GLUE.



END VIEW

MATERIAL LIST

NO	PART NAME	QTY	MATERIAL-DESCRIPTION	SHEET
1	T&B PANEL	2	36 W.x18" D.x5/16 THK PLYWOOD	
2	SIDE PANEL	2	11 W.x18 H.x5/16 THK PLYWOOD	
3	B&F PANEL	2	36 W.x18 H.x5/16 THK PLYWOOD	
4	INSDP PANEL	1	18 D.x11 H.x1/4 THK PLYWOOD	
5	HINGES	2	2 1/2 W.x38 L.x3/16 L. LEATHER	
6	ANGLE	2	3/4x3/4x1/16x36 LONG ALUM.	
7	DRAWER FRAME	2	3/4x3/4x1/16x17 7/8 LONG ALUM.	
8	CORD	4		
9	TOP DRAWER	1	PARTS 9A - 9D	
9A	F&B PANEL	2	9 1/2x5 1/8x1/4 THK PLYWOOD	
9B	SIDE PANEL	2	17 3/8x5 1/8x1/4 THK PLYWOOD	
9C	BOTTOM PANEL	1	17 9/16x9 1/8x1/4 THK PLYWOOD	
9D	SEPERATION PNL	3	3 1/2x9 1/8x1/4 THK PLYWOOD	
10	BOTTOM DRAWER		PARTS 10A - 10D	
10A	F&B PANEL	2	9 1/2x5 1/8x1/4 THK PLYWOOD	
10B	SIDE PANEL	2	17 3/8x5 1/8x1/4 THK PLYWOOD	
10C	BOTTOM PANEL	1	17 9/16x9 1/8x1/4 THK PLYWOOD	
11	BUCKLE CLOSURE	2	1" NYLON BUCKLE	
12	STRAP	2	1" NYLON WEBBING, 5'-6" LONG	



SECTION B-B

1. LABEL TOLERANCE SPECIFIED TOLERANCES: FRACTIONS +/- _____ DECIMALS +/- _____ ANGLES +/- _____ DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED	DATE _____	REVISION _____	BY _____
DRAWN KEC DESIGNED _____ CHECKED D. O'ROURKE APPROVED D. O'ROURKE SCALE _____ DATE 2/26/91	U. S. DEPT. OF AGRICULTURE FOREST SERVICE TECHNOLOGY & DEVELOPMENT CENTER MISSOULA, MONTANA TITLE KITCHEN BOX SECTIONS SHEET 3 OF 3		
	MTDC-861		



* NATIONAL AGRICULTURAL LIBRARY

1022330530